
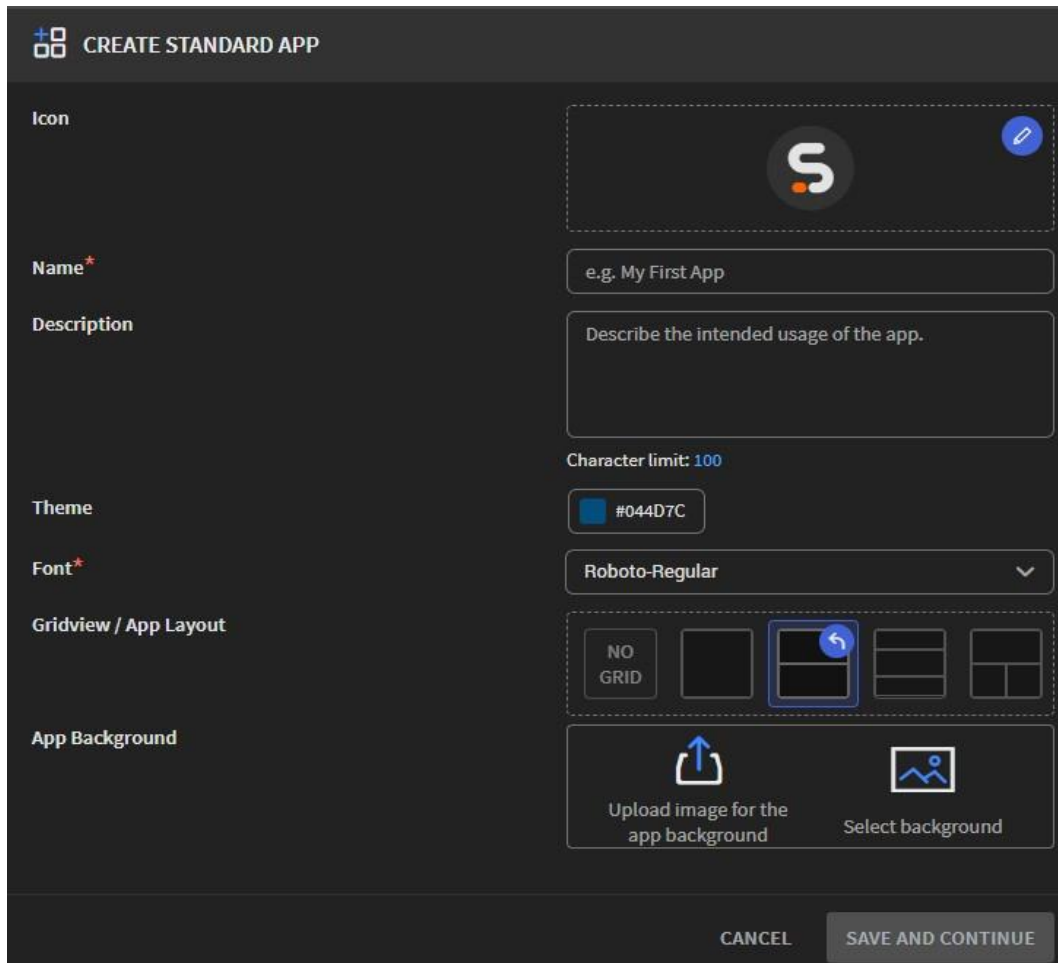


SOTI Weather App Guide

To create a new app using Grid view -

1. From the App manager, create a new app
2. In “Grid view / App layout”, select the desired grid layout
3. If you select any grid view option with more than one grid, you can rotate the grid by clicking on the  icon at the top right corner




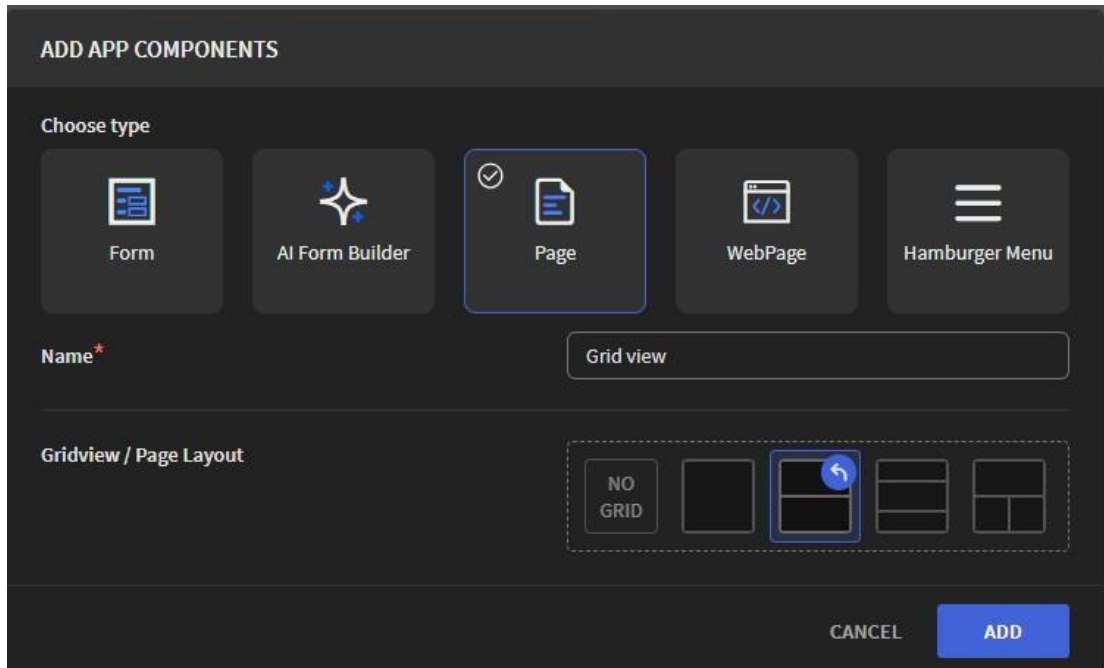
The screenshot shows the 'CREATE STANDARD APP' interface. It features several input fields and options:

- Icon:** A dashed box containing a white 'S' logo on a dark circle, with a blue edit icon in the top right corner.
- Name*:** A text input field with the placeholder text 'e.g. My First App'.
- Description:** A larger text area with the placeholder text 'Describe the intended usage of the app.' and a character limit of 100.
- Theme:** A color selection box showing a blue square and the hex code '#044D7C'.
- Font*:** A dropdown menu currently set to 'Roboto-Regular'.
- Gridview / App Layout:** A row of five grid layout options: 'NO GRID', a 1x1 grid, a 2x2 grid (highlighted with a blue border and a rotate icon), a 1x2 grid, and a 2x1 grid.
- App Background:** Two options: 'Upload image for the app background' (with an upload icon) and 'Select background' (with a background selection icon).

At the bottom, there are two buttons: 'CANCEL' and 'SAVE AND CONTINUE'.

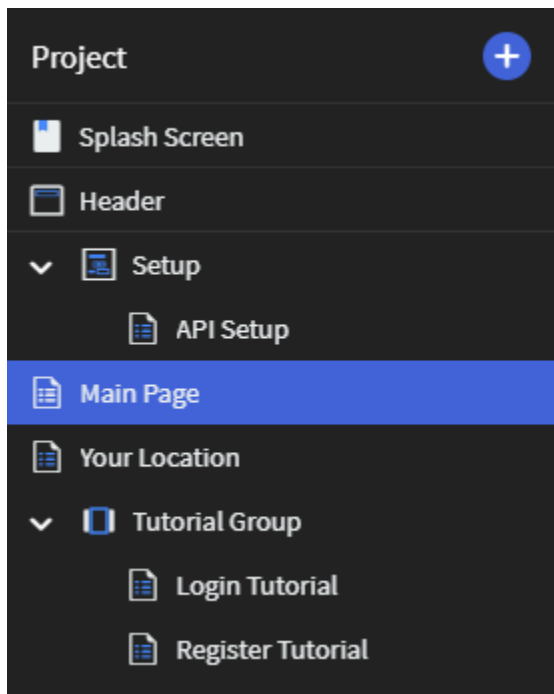
To add a new page that uses Grid view -

1. Click on the add icon  as to add a new page
2. A popup screen appears, enter a Name select Page. Next select if you want to add a grid view or not. Multiple grid view options are available
3. Click on the Add button

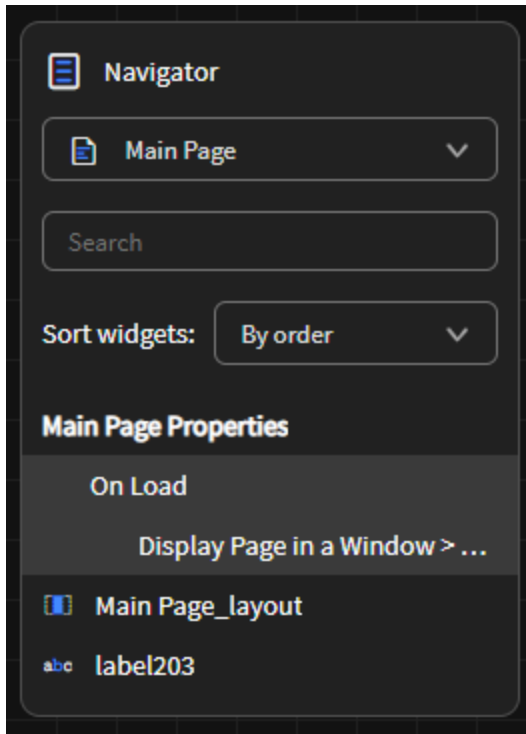



Using Grid view -

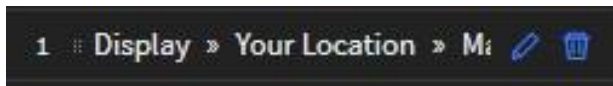
1. Click on the Main page in Project



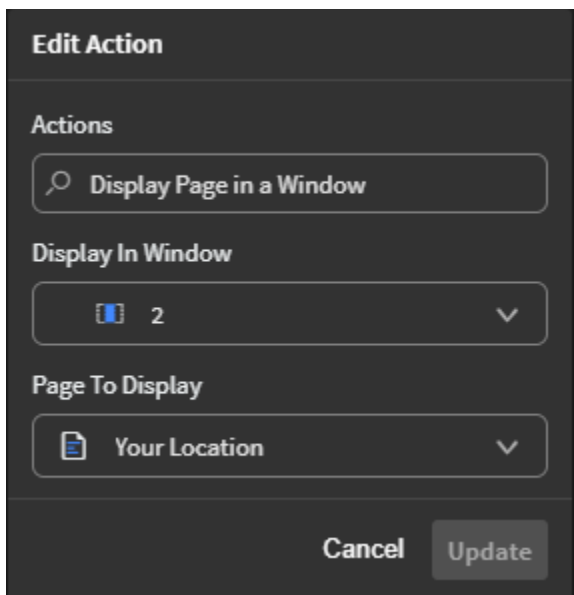
2. Click on On Load in the Navigator




3. Click on the  icon when hovering over the Display Action

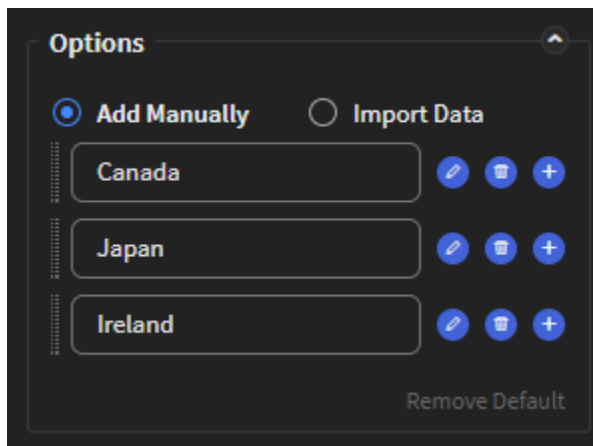



4. The page windows are then labelled, and you can choose which of your pages should be displayed in each one

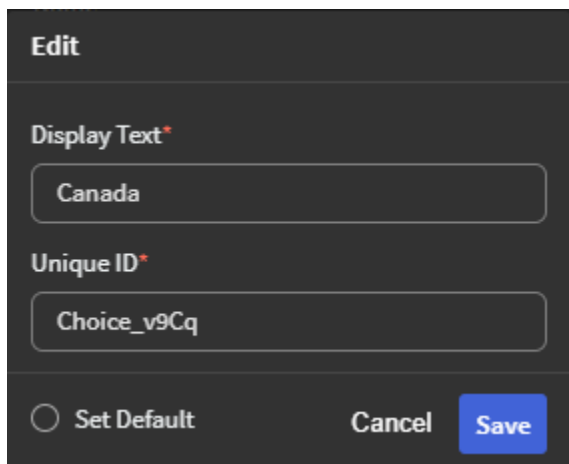


Adding new location to the dropdown menu -


1. Click on the office dropdown
2. Click on the  icon in the Drop-Down Properties



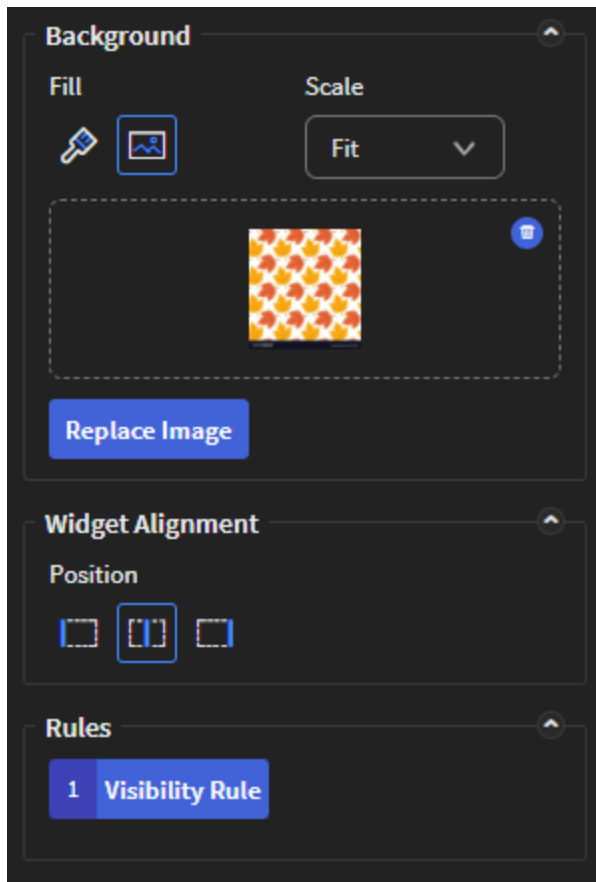
3. Click on the  icon beside your new location to change its information, which we will rename from "Option 4" to "Dubai" for this example



Make a copy of any of the current offices -

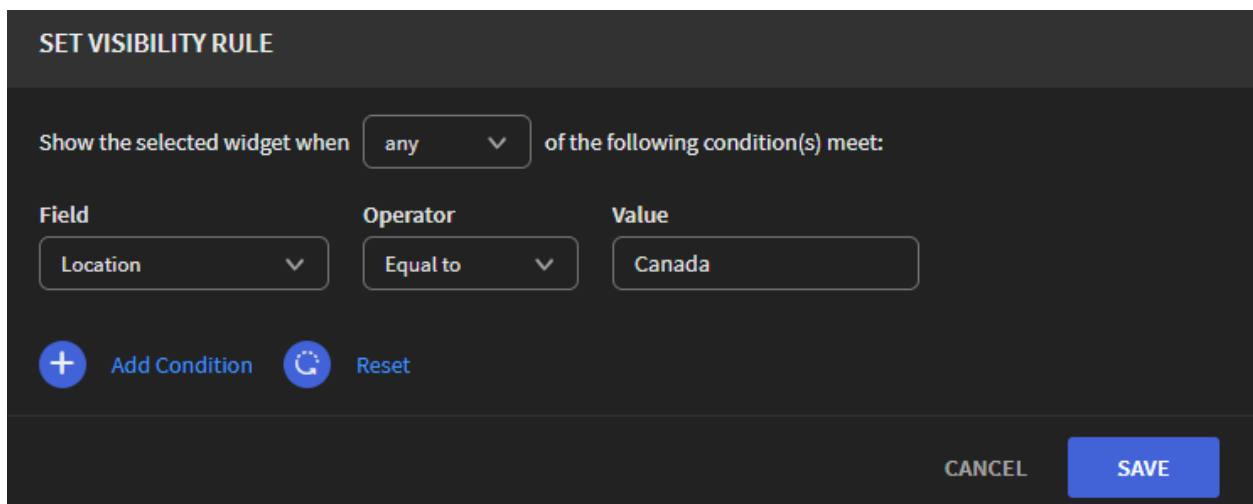
1. Click on any of the current location sections
2. Click on the  icon on the bottom right of the selected location
3. Rename the widgets of your new location so that they are easily identifiable

Change the background of your new location by clicking on "Replace Image" in the Section Properties of your new location



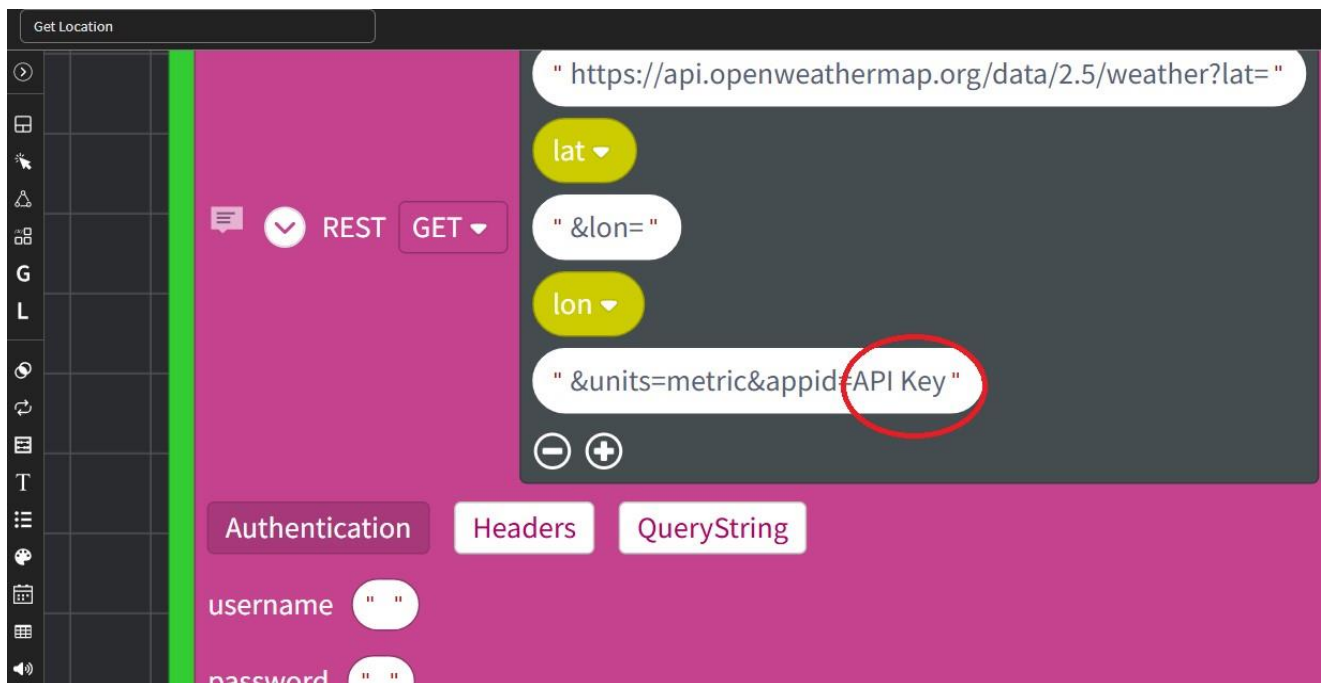
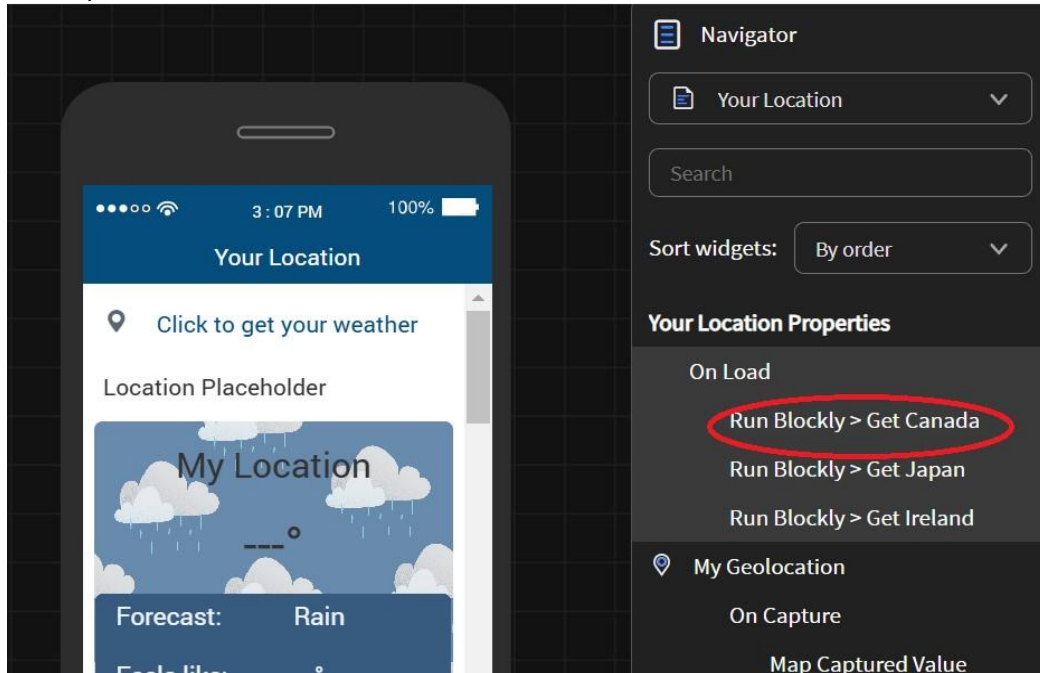
To make your section only visible when selected -

1. In the Section Properties of your new location, click on Visibility Rule
2. Change the Value to the name of your new location



Setting up the API -

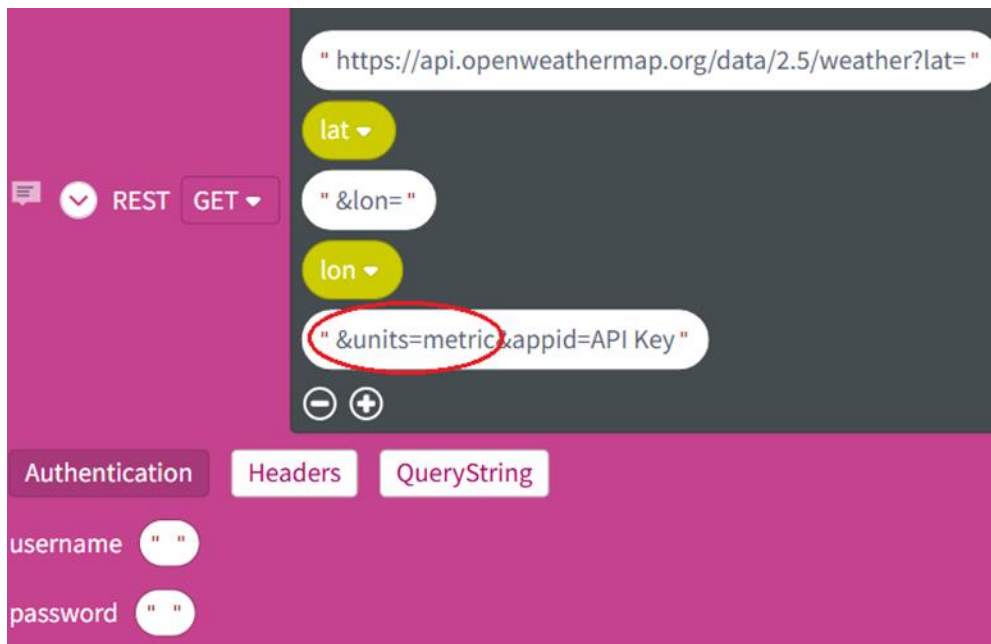
1. Create an <https://home.openweathermap.org/> account
2. Go to "API Keys", generate a new key, and copy it to your clipboard
3. Paste it in the following Blockly scripts in place of "API Key" at the end of each url: Get Canada, Get Japan, Get Ireland, Your Location



Switching from metric (C°) to Imperial (F) units -

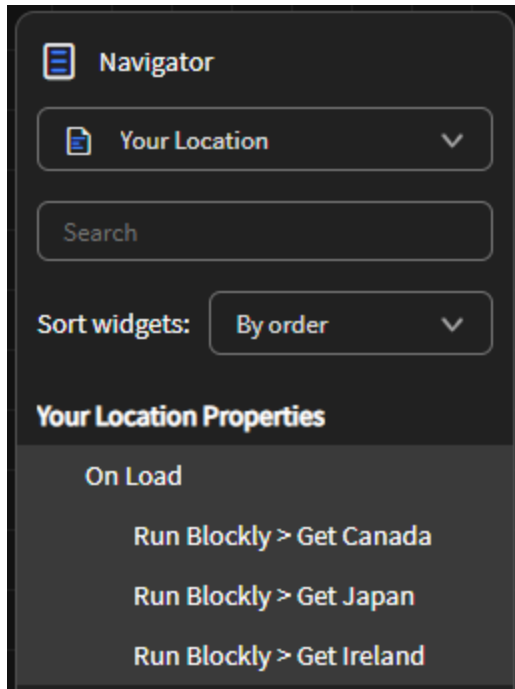
1. To switch between units, change the value of the “units” key in the REST API URLs from “metric” to “Imperial”:

`https://api.openweathermap.org/data/2.5/weather?lat=43.612590&lon=-79.754210&units=imperial &appid= API Key`

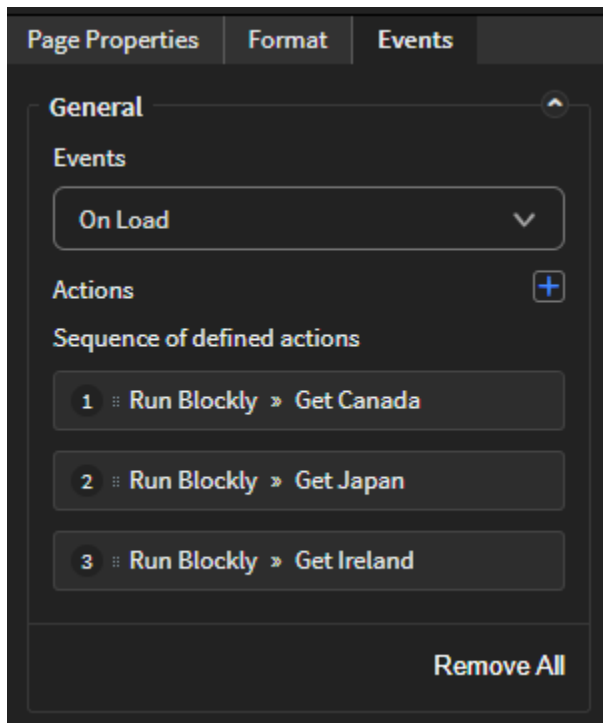


Getting the weather information about your new location -

1. In the Navigator, click on OnLoad



2. Click on the  icon in Actions, select “Run Blockly” from the options, and then Blockly Editor




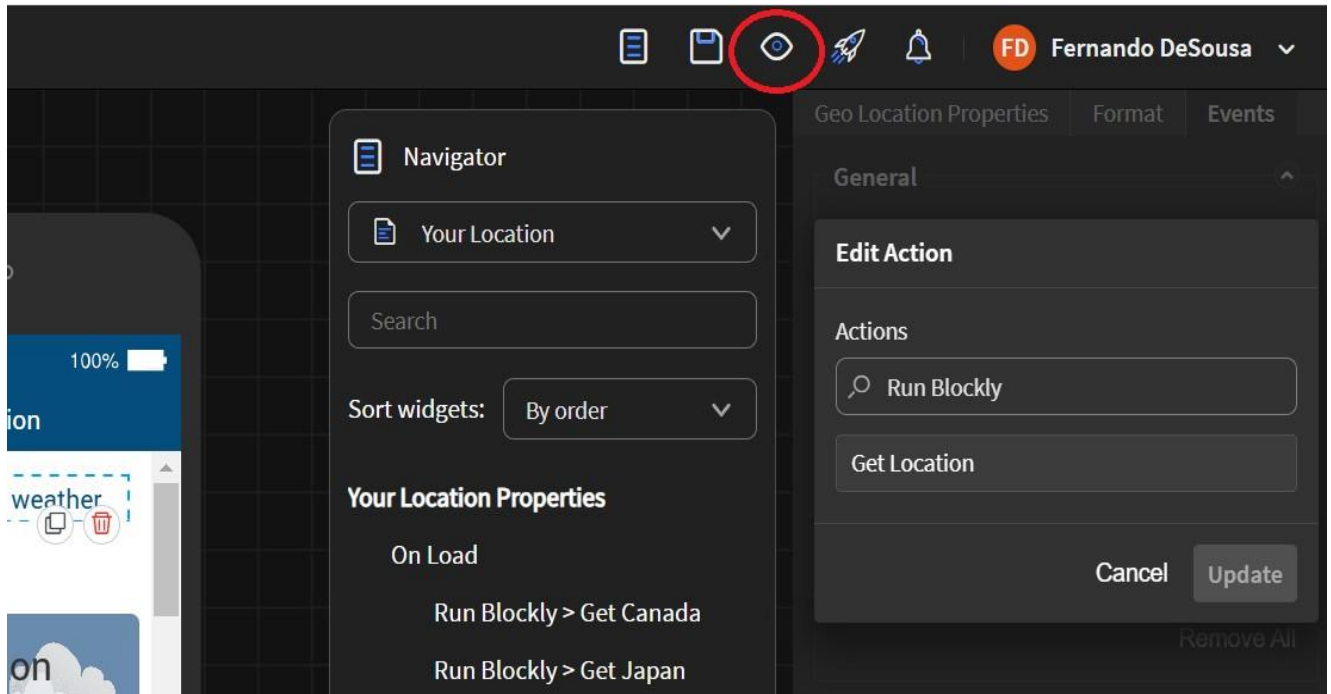
3. Name your blockly script, and use the url below to make the REST calls, replacing, the latitude and longitude with the ones of:

<https://api.openweathermap.org/data/2.5/weather?lat=Your Latitude&lon=Your Longitude&units=metric&appid=Your API Key>

4. Finally, use the “Set label” blocks to replace the labels of your location section with the returned information

Previewing the app

1. To see a preview of the app, click on the  icon



2. From the Preview options, choose either - The default device skin or a skin template by choosing the device manufacturer and model

PREVIEW OPTIONS

Use default skin Use skin template

Manufacturer

Model

CANCEL **PREVIEW**

PREVIEW OPTIONS


Use default skin Use skin template

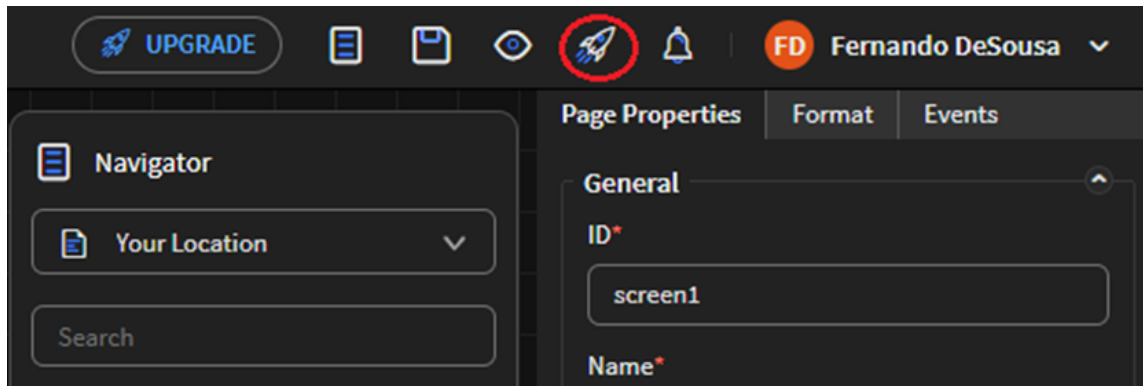
Manufacturer


Model

CANCEL **PREVIEW**

Publishing the app –

1. To publish the app, click on the  icon



2. Fill out the page and click publish. For more information, click on the  icon

